

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032085.D
 Acq On : 20 Jun 2024 01:29
 Operator : MA/JU
 Sample : P2890-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-438-440

Quant Time: Jun 20 01:54:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

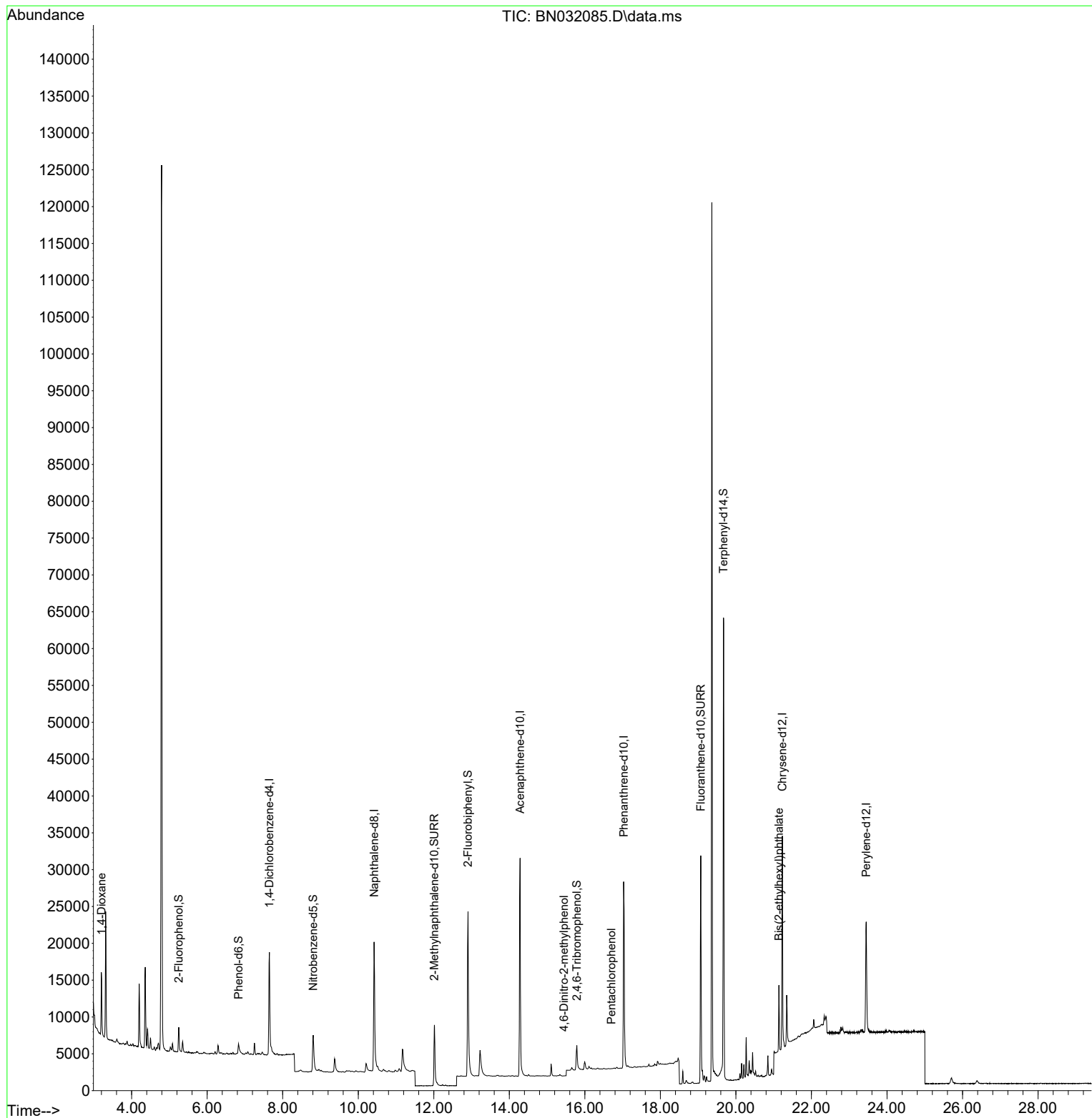
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	8168	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	28941	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	19499	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	40926	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	27295	0.400	ng	0.00
35) Perylene-d12	23.449	264	21983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3164	0.136	ng	0.00
5) Phenol-d6	6.830	99	2400	0.079	ng	0.00
8) Nitrobenzene-d5	8.809	82	6393	0.266	ng	0.01
11) 2-Methylnaphthalene-d10	12.017	152	14216	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2425	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	26293	0.355	ng	0.00
27) Fluoranthene-d10	19.068	212	37062	0.333	ng	0.00
31) Terphenyl-d14	19.672	244	39791	0.596	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.204	88	5869	0.587	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.450	198	4	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	54	0.174	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.139	149	8052	0.115	ng	99

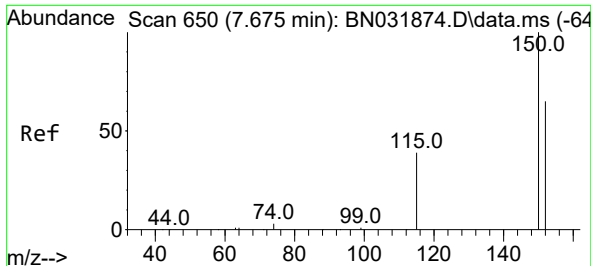
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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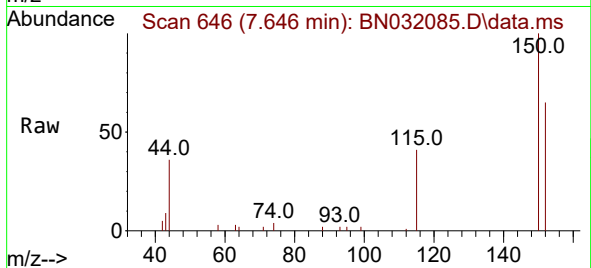
Quant Time: Jun 20 01:54:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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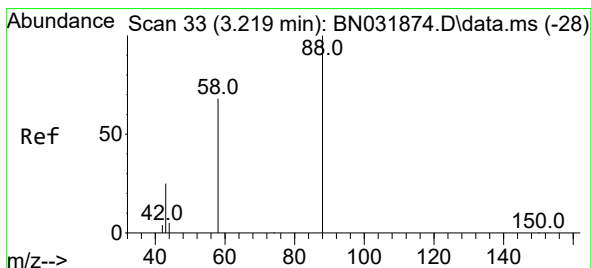
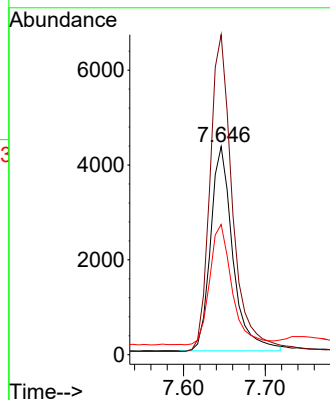
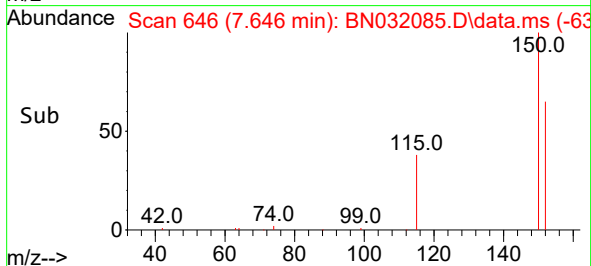


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN032085.D
 Acq: 20 Jun 2024 01:29

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-438-440

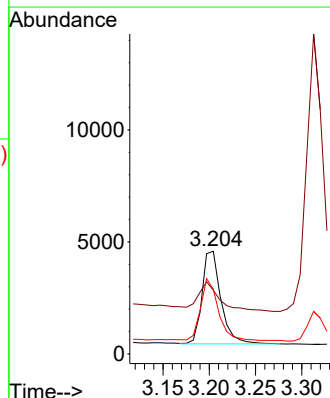
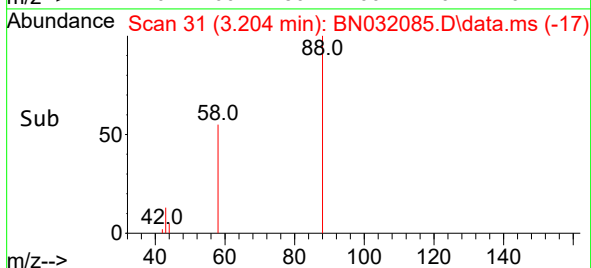
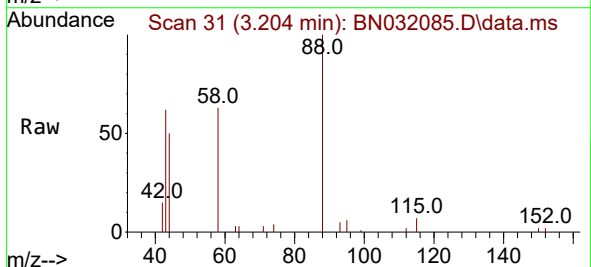


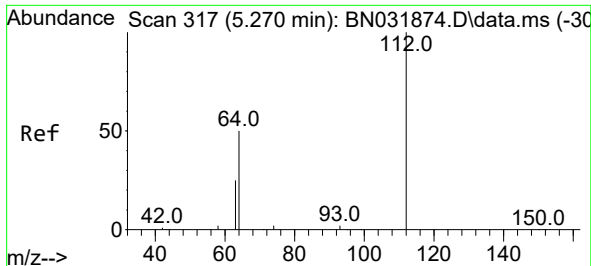
Tgt Ion:152 Resp: 8168
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.0 181.4
 115 62.6 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.587 ng
 RT: 3.204 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN032085.D
 Acq: 20 Jun 2024 01:29

Tgt Ion: 88 Resp: 5869
 Ion Ratio Lower Upper
 88 100
 43 35.6 22.7 34.1#
 58 62.5 51.3 76.9





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.248 min Scan# 317

Delta R.T. -0.000 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-438-440

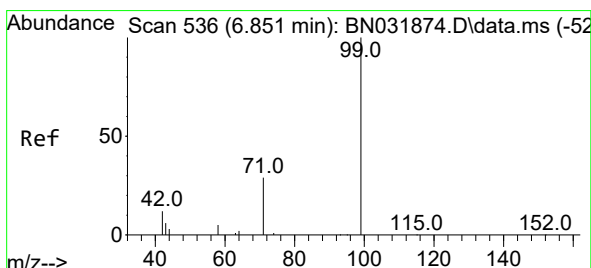
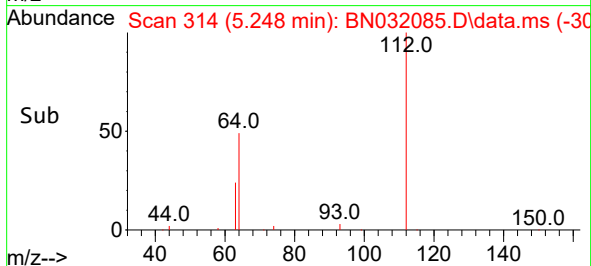
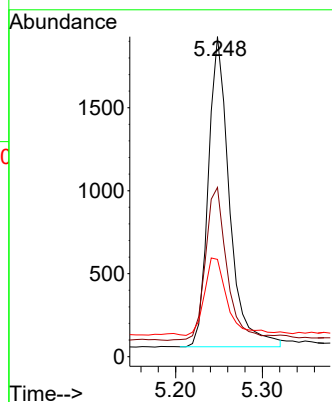
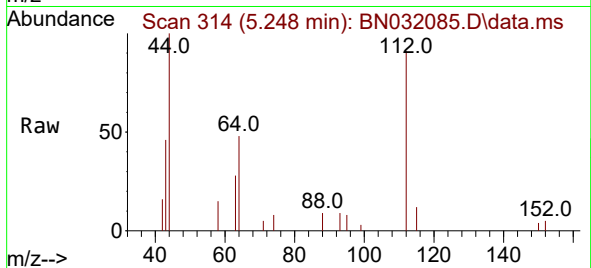
Tgt Ion:112 Resp: 3164

Ion Ratio Lower Upper

112 100

64 50.9 42.4 63.6

63 27.1 22.1 33.1



#5

Phenol-d6

Concen: 0.079 ng

RT: 6.830 min Scan# 533

Delta R.T. -0.000 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

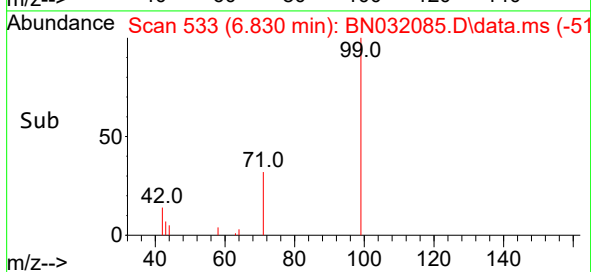
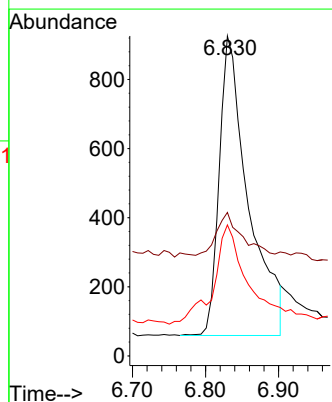
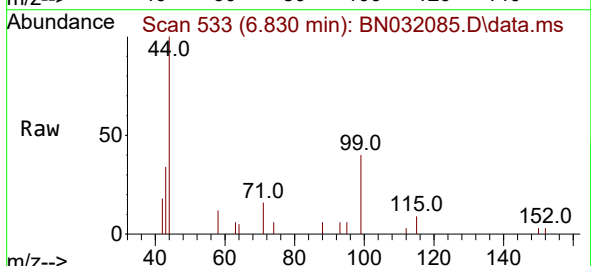
Tgt Ion: 99 Resp: 2400

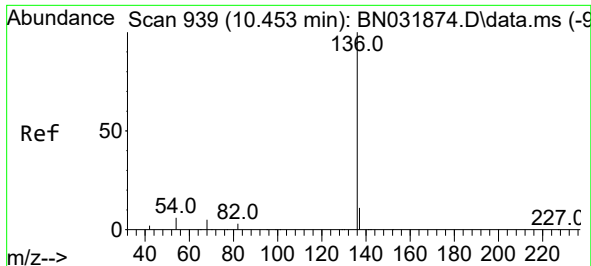
Ion Ratio Lower Upper

99 100

42 12.5 12.8 19.2#

71 37.8 25.4 38.2

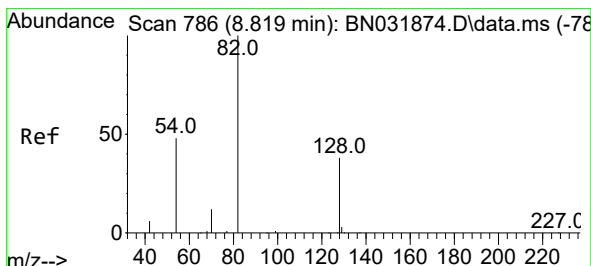
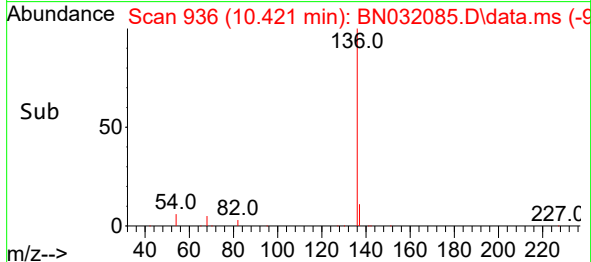
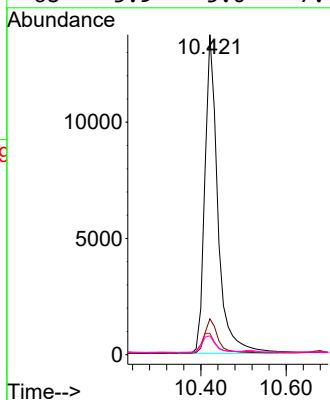
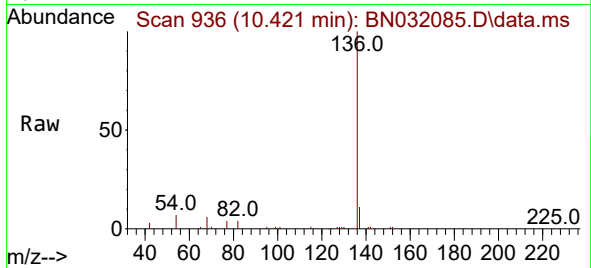




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032085.D
Acq: 20 Jun 2024 01:29

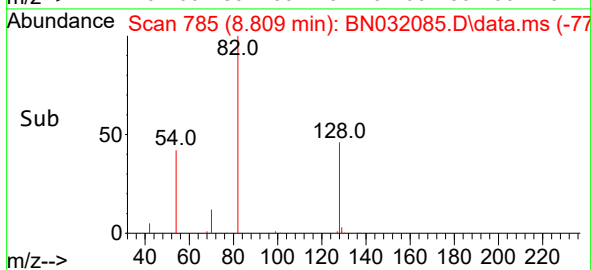
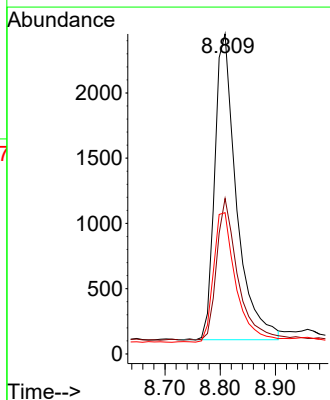
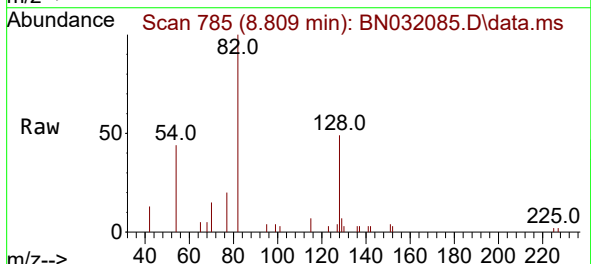
Instrument :
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BP-VPB-189-GW-438-440

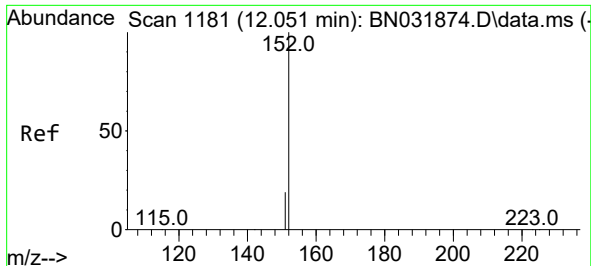
Tgt Ion:	136	Resp:	28941
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	6.7	5.6	8.4
68	5.9	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.809 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN032085.D
Acq: 20 Jun 2024 01:29

Tgt Ion:	82	Resp:	6393
Ion Ratio	Lower	Upper	
82	100		
128	48.6	32.1	48.1#
54	44.1	39.7	59.5

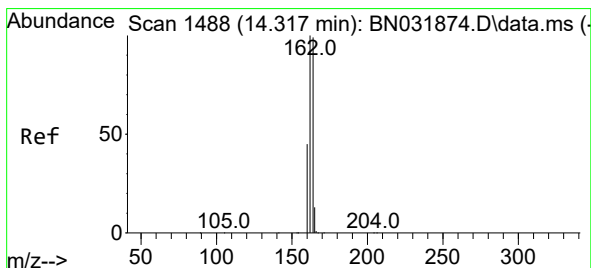
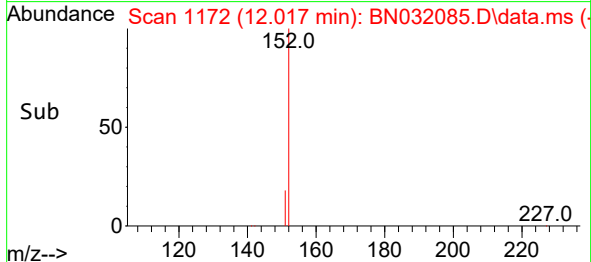
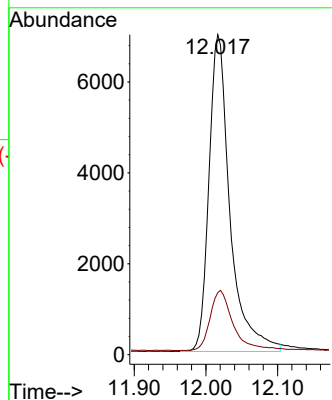
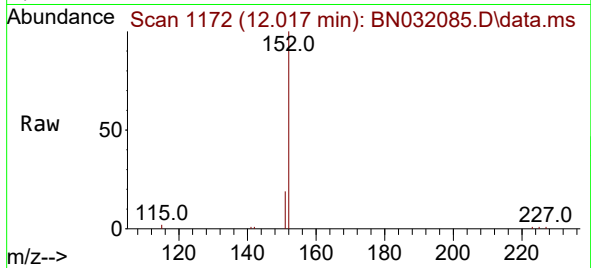




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.017 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BN032085.D
Acq: 20 Jun 2024 01:29

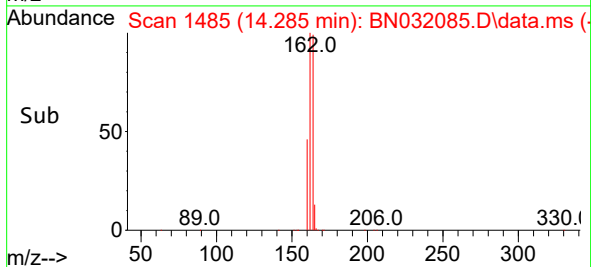
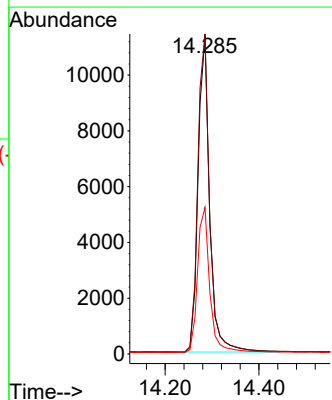
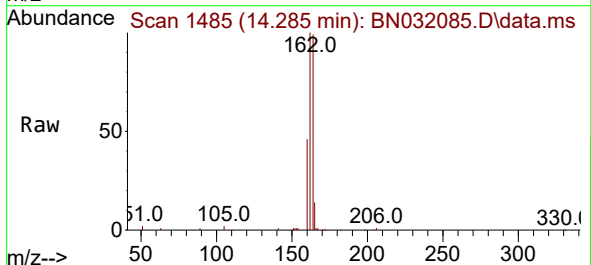
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-438-440

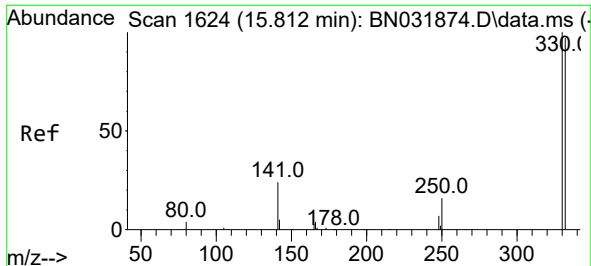
Tgt Ion:152 Resp: 14216
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN032085.D
Acq: 20 Jun 2024 01:29

Tgt Ion:164 Resp: 19499
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 46.1 36.2 54.4

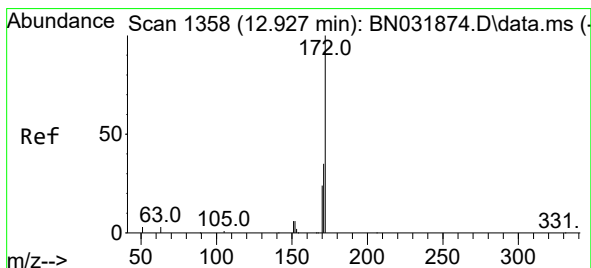
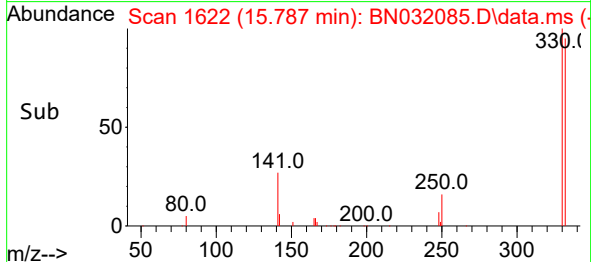
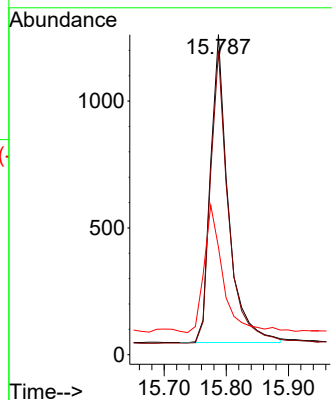
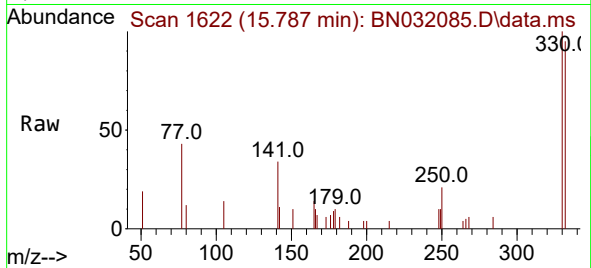




#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 15.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032085.D
Acq: 20 Jun 2024 01:29

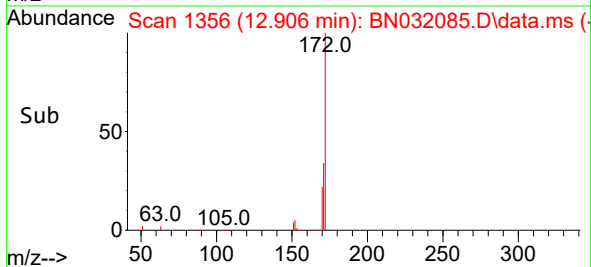
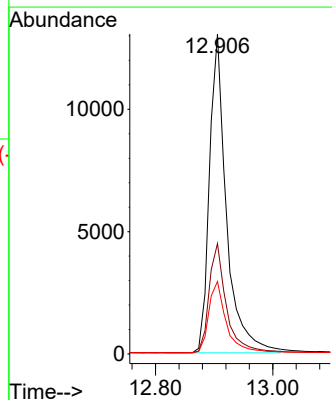
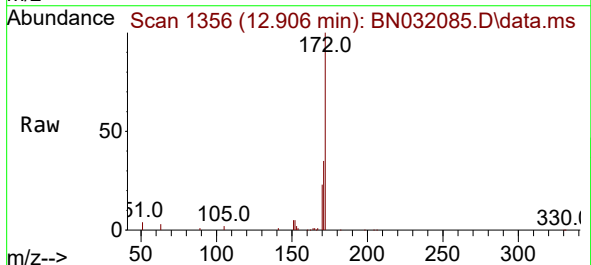
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-438-440

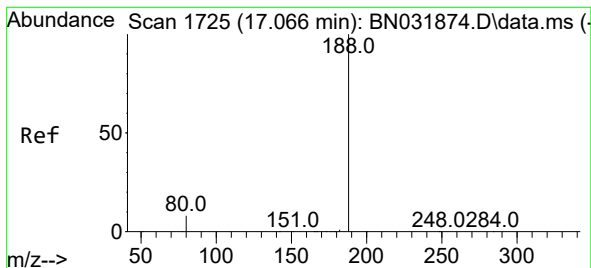
Tgt Ion:330 Resp: 2425
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 43.7 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.906 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN032085.D
Acq: 20 Jun 2024 01:29

Tgt Ion:172 Resp: 26293
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 22.6 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-438-440

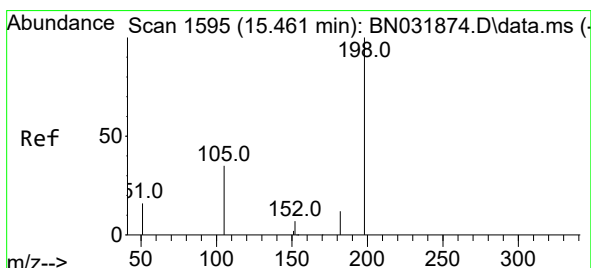
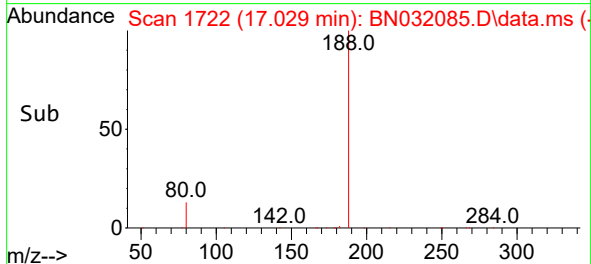
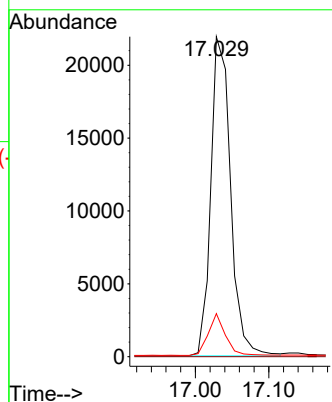
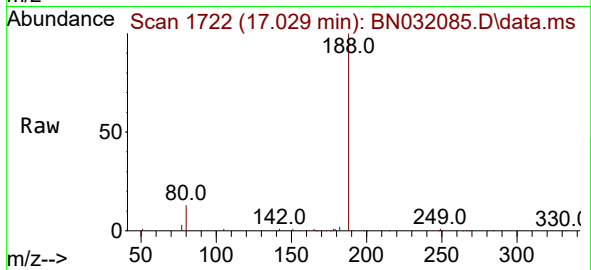
Tgt Ion:188 Resp: 40926

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.450 min Scan# 1594

Delta R.T. 0.011 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

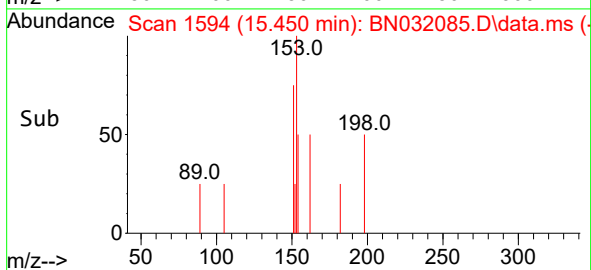
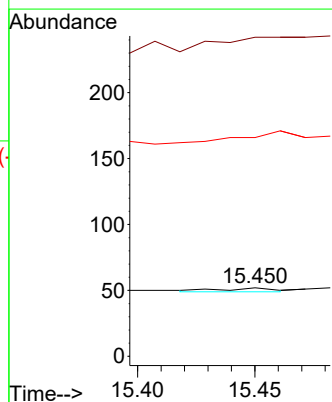
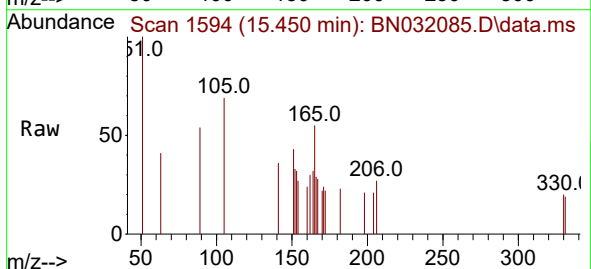
Tgt Ion:198 Resp: 4

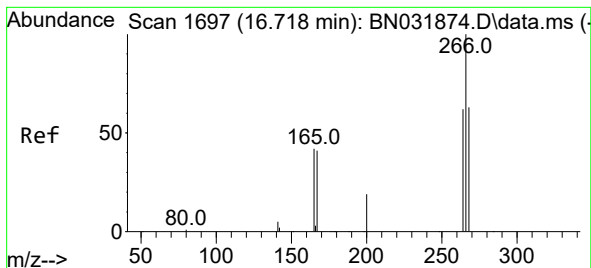
Ion Ratio Lower Upper

198 100

51 465.4 42.7 64.1#

105 319.2 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

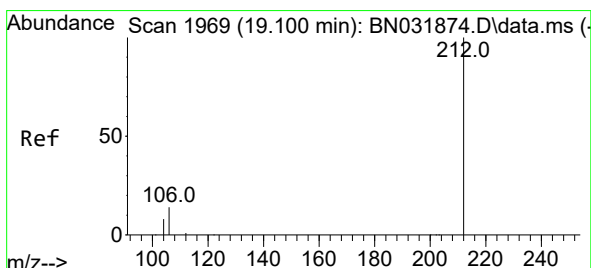
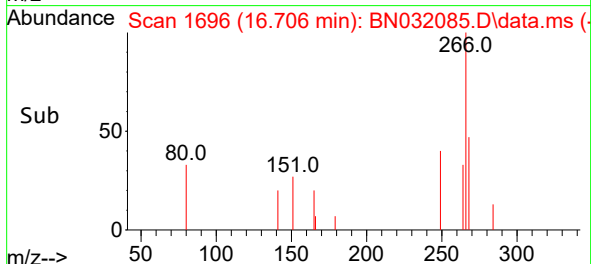
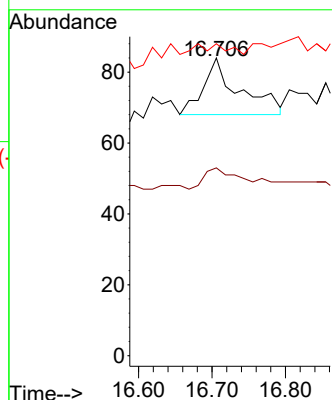
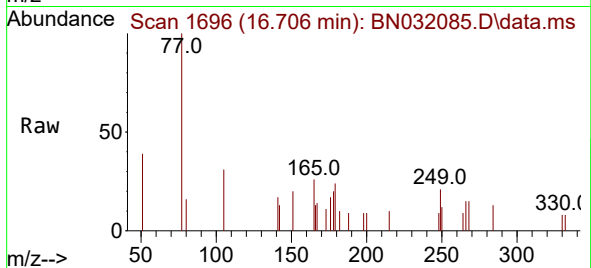
Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-438-440

Tgt Ion:	266	Resp:	54
Ion Ratio	Lower	Upper	
266	100		
264	40.7	50.0	75.0#
268	0.0	51.0	76.6#



#27

Fluoranthene-d10

Concen: 0.333 ng

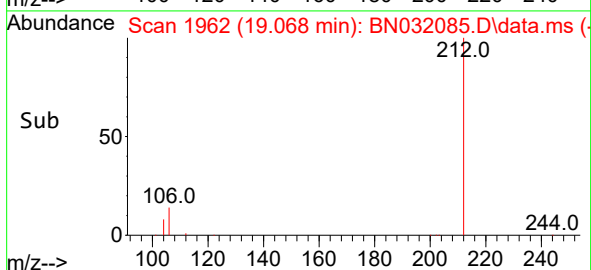
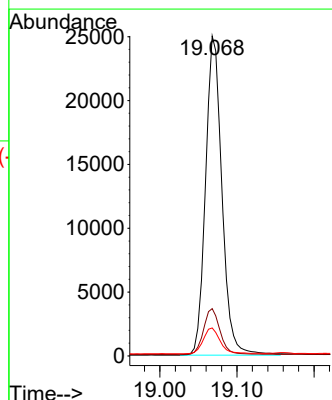
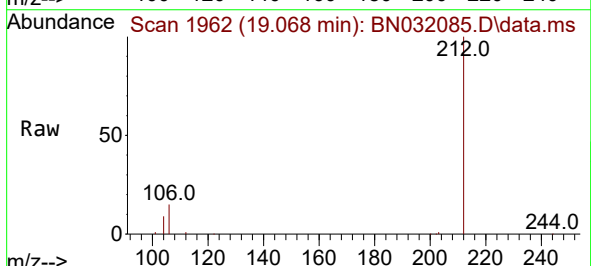
RT: 19.068 min Scan# 1962

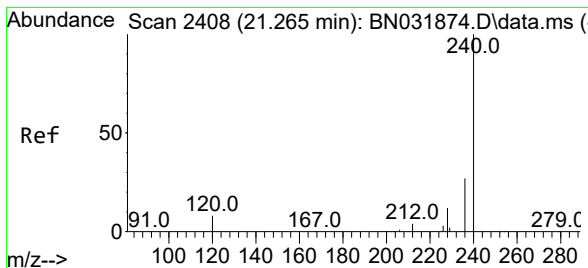
Delta R.T. -0.005 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

Tgt Ion:	212	Resp:	37062
Ion Ratio	Lower	Upper	
212	100		
106	14.6	11.8	17.8
104	8.3	6.6	10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-438-440

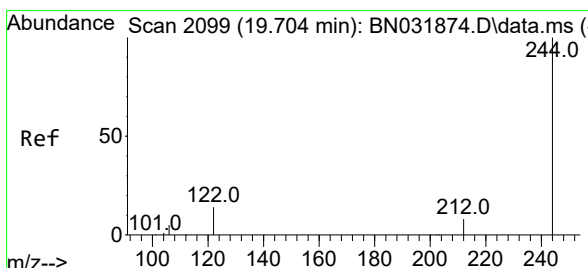
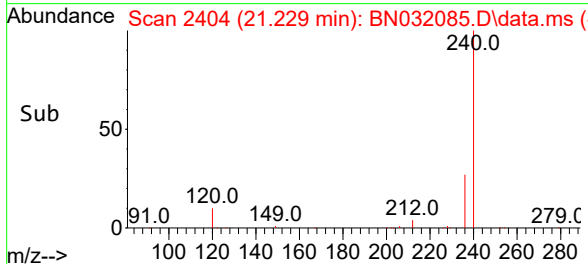
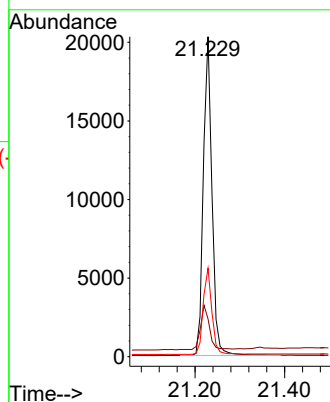
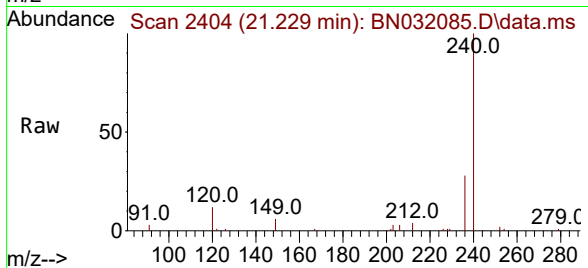
Tgt Ion:240 Resp: 27295

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.4

236 27.6 21.8 32.8



#31

Terphenyl-d14

Concen: 0.596 ng

RT: 19.672 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

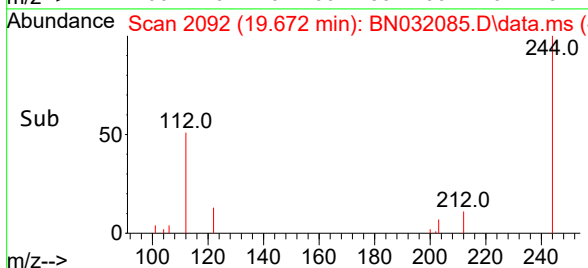
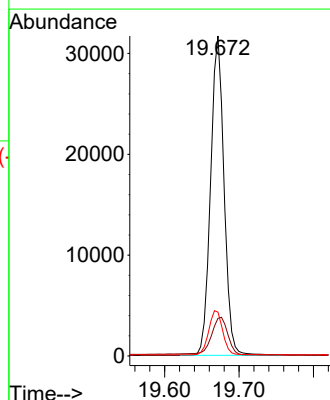
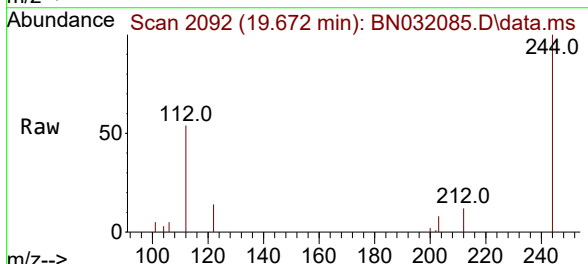
Tgt Ion:244 Resp: 39791

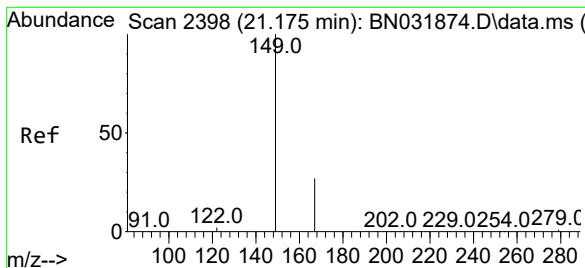
Ion Ratio Lower Upper

244 100

212 11.8 6.5 9.7#

122 13.7 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-438-440

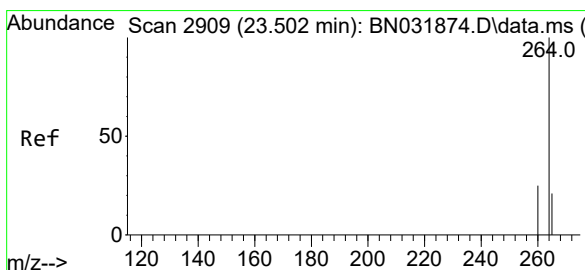
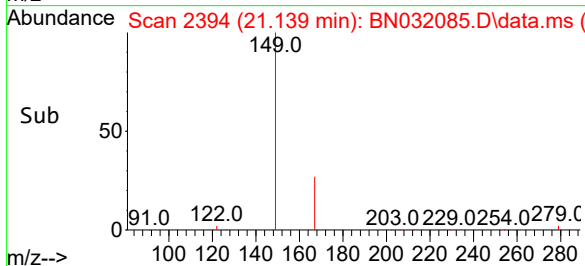
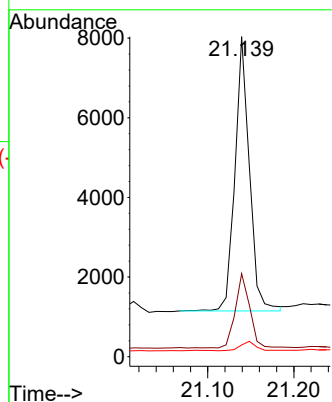
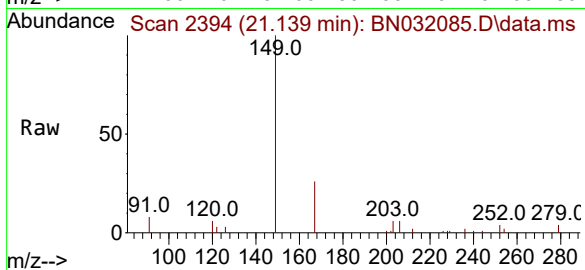
Tgt Ion:149 Resp: 8052

Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 3.6 2.9 4.3



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.449 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BN032085.D

Acq: 20 Jun 2024 01:29

Tgt Ion:264 Resp: 21983

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 70.5 39.6 59.4#

